

IN THE CLAIMS

Please amend the claims as follows, substituting any amended claim(s) for the corresponding pending claim(s):

1 1. (Currently amended) A method in a network for wireless communications for pushing
2 data through a data packet network utilizing a dynamic addressing scheme, comprising:
3 transmitting, from a push server to a domain name server ("DNS") DNS, a look up signal for a
4 specified domain name;
5 transmitting a reservation signal from the DNS to a dynamic host configuration protocol
6 ("DHCP") server to prompt the DHCP server to reserve a dynamic Internet Protocol ("IP") address that
7 pertains to the specified domain name, wherein the specified domain name corresponds to a mobile
8 terminal;
9 ~~transmitting, at the push server, the~~ receiving the reserved dynamic IP address to the ~~at the push~~
10 server; and
11 activating a context, based upon the reserved dynamic IP address, through the data packet
12 network.

1 2. (Cancelled)

1 3. (Currently amended) The method of ~~claim 2~~ claim 1 further including the step of
2 transmitting a ~~reserved~~ the reserved dynamic IP address for a ~~mobile~~ the mobile terminal that corresponds
3 to the specified domain name from the DHCP server to the DNS.

1 4. (Original) The method of claim 3 further including the step of transmitting the reserved
2 dynamic IP address from the DNS to the push server after receiving a signal requesting that a dynamic IP
3 address be reserved.

1 5. (Currently amended) The method of ~~claim 5~~ claim 4 wherein the received signal
2 requesting that a dynamic IP address be reserved is in the form of a DNS lookup request signal.

1 6. (Currently amended) The method of claim 1 wherein the step of activating a context
2 includes the step, in a Gateway GPRS Support Node ("GGSN") GGSN, of receiving push data for a
3 ~~mobile terminal~~ the mobile terminal and also receiving the reserved dynamic IP address from the push
4 server.

1 7. (Original) The method of claim 6 further including the step of transmitting the reserved
2 IP address to a DHCP server to obtain a mobile station ID.

1 8. (Currently amended) The method of ~~claim 8~~ claim 7 further including the step of
2 transmitting the received mobile station ID from the DHCP server to a home location register to
3 determine the identity of a serving GPRS support node whereby the context activation is established with
4 the identified serving GPRS support node.

1 9. (Currently amended) A method in a Gateway GPRS Support Node ("GGSN") for
2 pushing data through a data packet network utilizing a dynamic addressing scheme, comprising:
3 receiving a reserved ~~dynamic IP address~~ dynamic Internet Protocol ("IP") address and push data
4 from ~~push server~~ a push server;
5 transmitting a request for ~~ID~~ identification ("ID") information to a ~~DHCP~~ dynamic host
6 configuration protocol ("DHCP") server relating to the reserved dynamic IP address;
7 receiving the requested ID information; and
8 activating a context through the data packet network so that the push data may be transmitted to
9 its destination having the reserved dynamic IP address.

1 10. (Currently amended) The method of claim 9 further including the step of transmitting a
2 request to an ~~HLR~~ home location register ("HLR") to identify a serving GPRS support node that is
3 presently serving ~~the mobile terminal~~ the destination for which the reserved dynamic IP address was
4 reserved and to which the requested ID information corresponds.

1 11. (Original) The method of claim 10 further including the step of activating the context and
2 transmitting the push data to the identified serving GPRS support node.

1 12. (Currently amended) A gateway GPRS support node ("GGSN"), comprising:
2 circuitry for receiving push data ~~in relation to a reserved dynamic IP address~~ in a data packet
3 ~~network, wherein the push data includes a reserved dynamic Internet Protocol ("IP") address;~~ and
4 circuitry for prompting a ~~DHCP~~ dynamic host configuration protocol ("DHCP") server to provide
5 ~~ID~~ identification ("ID") information that corresponds to the reserved dynamic IP address prior to a
6 context being activated.

1 13. (Currently amended) The GGSN of claim 12 further including circuitry for delaying the
2 activation of ~~context~~ the context until the ID information is received from the DHCP server.

1 14. (Currently amended) The GGSN of claim 12 further including circuitry for generating a
2 request to a home location register to request the identity of a serving GPRS support node ("SGSN") that
3 is presently supporting the destination mobile terminal for the push data.

1 15. (Currently amended) The GGSN of ~~claim 12~~ claim 14 further including circuitry for
2 delaying the activation of context until a response is received from the home location register identifying
3 the SGSN.

1 16. (Currently amended) A domain name server, comprising:
2 circuitry for receiving a domain name lookup request from a push server to determine an IP
3 address that corresponds to a received domain name; and
4 circuitry for transmitting a request to a ~~DHCP~~ dynamic host configuration protocol ("DHCP")
5 server to prompt it to temporarily reserve a dynamic ~~IP-address~~ Internet Protocol ("IP") address for
6 delivery of push data to a mobile terminal.

1 17. (Original) The domain name server of claim 16 further including circuitry for receiving a
2 reserved dynamic IP address from the DHCP server that corresponds to the received domain name.

1 18. (Original) The domain name server of claim 17 further including logic to generate the
2 received reserved dynamic IP address to the push server.